Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

PRANJAL SHARMA

for successfully completing the course

Quantum Hall Effects

with a consolidated score of **73** %

Online Assignments	22.5/25	Proctored Exam	50.25/75

Total number of candidates certified in this course: **14**

Aug-Oct 2023

(8 week course)

Prof. T. V. Bharat
Head, Centre for Educational Technology
NPTEL Coordinator, IIT Guwahati

Indian Institute of Technology Guwahati

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

Roll No: NPTEL23PH45S536600446

To verify the certificate

No. of credits recommended: 2 or 3